



Navistar/Int'l 6.0 Injector Sleeve & Glow Plug Removal & Installation Tooling Instructions



The Complete Navistar 6.0 Series Kit with Toolbox - 451-6776-00

ID#	DESCRIPTION	PART #
1	Injector Sleeve Installation Tool	448-6776-10
2	Injector Sleeve Tap	448-6776-60
3	Injector Sleeve Guide Bushing	448-6776-40
4	Injector Sleeve Removal Tool	448-6776-30
5	Ratchet Tip Plug TQ Tool	411-5821-20
6	Small Toolbox (metal)	467-1950-25

Glow-plug tooling sold separately.

Irontite Products Inc.

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www.irontite.com

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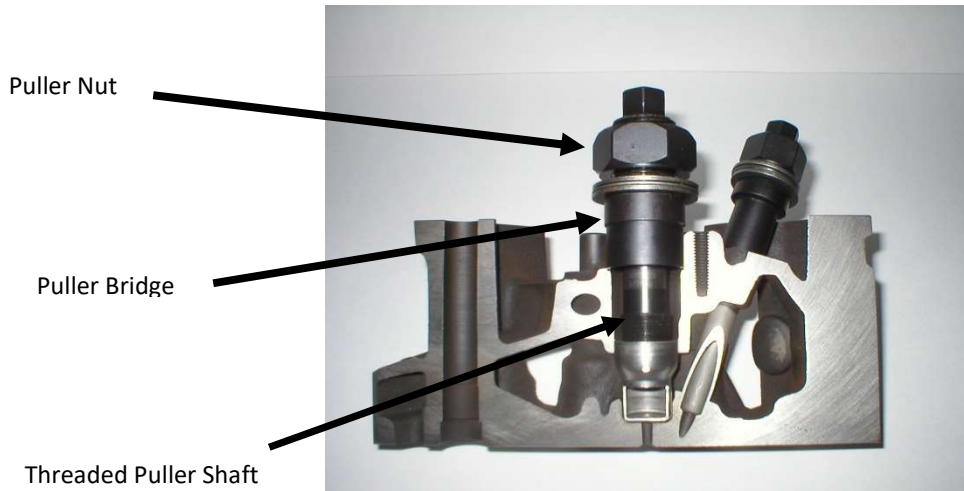
Navistar/Int'l 6.0 Injector Sleeve & Glow Plug Removal & Installation Tooling

Sleeve/Glow Plug Removal

- (1) With the appropriate Tap and Tap Guide Bushing, thread the upper end of the worn sleeve/glow plug. Use the Ratchet Tip Plug TQ Tool as an extension while tapping the glow plug sleeve.



- (2) Insert the sleeve/glow plug remover threaded puller shaft of the removal tool down into the old sleeve/glow plug. Continue to torque the shaft into the sleeve until the shaft grips the sleeve tightly with the threads. (2) With the puller bridge (or cup) in place between the puller nut and the face of the casting, and with the thrust bearing and the two thrust washers between the puller nut and the puller bridge, continue tightening down the puller nut and pull out the old sleeve/glow plug as shown here.



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Sleeve Installation

- (1) Clean out the inside of the injector sleeve bore area.
- (2) Lightly brush Ceramic Seal (912016) in the top and on the outside rim of the lower portion of the injector sleeve casting area and on the outside of the injector sleeve at the top and exterior rim of the lower portion, do not place sealant on the nose of the sleeve/glow plug, then use the sleeve/glow plug drive in tool and a hammer; drive the sleeve/glow plug to the bottom of the casting.



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